

| Ref # | Hits | Search Query                                   | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---------------------------------|------------------|---------|------------------|
| L40   | 7515 | aging and contamination                        | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:01 |
| L41   | 907  | aging same contamination                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:02 |
| L42   | 233  | (FED\$1 or (field near3 emiss\$5))<br>and 41   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:02 |
| L43   | 925  | aging same contamination\$1                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:07 |
| L44   | 243  | (FED\$1 or (field near3 emiss\$5))<br>and 43   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:07 |
| L45   | 19   | duty and 44                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:07 |
| L46   | 1200 | aging same contaminat\$4                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:22 |
| L47   | 294  | (FED\$1 or (field near3 emiss\$5))<br>and 46   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:26 |
| L48   | 22   | duty and 47                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:12 |
| L49   | 3    | 48 not 45                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:08 |
| L50   | 53   | duty and 46                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:23 |
| L51   | 31   | 50 not (45 or 48)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:21 |
| L52   | 92   | aging same (eliminat\$4 same<br>contaminat\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:28 |
| L53   | 1    | duty and 52                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:26 |
| L54   | 22   | (FED\$1 or (field near3 emiss\$5))<br>and 52   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/12/13 13:23 |

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|-----|-------|--|---------------------------------|----|-----|------------------|
| L55 | 16842 | (FED\$1 or (field near3 emiss\$5)) and aging | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 14:14 |
| L56 | 1121  | duty and 55                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:26 |
| L57 | 18    | 56 and (eliminat\$4 same contaminat\$4)      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:56 |
| L58 | 43    | (45 or 48 or 54)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:28 |
| L59 | 17    | 57 not 58                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:36 |
| L62 | 1     | ("6409564").PN.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:37 |
| L63 | 1     | voltage and 62                               | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:39 |
| L64 | 1     | anode and 62                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:44 |
| L65 | 1     | pre and 62                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:47 |
| L66 | 0     | pulse\$1 and 62                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:56 |
| L67 | 0     | (frequency or hz or hertz) and 62            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:56 |
| L68 | 25    | 56 and (clean\$5 same contaminat\$4)         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:58 |
| L69 | 19    | 68 not 58                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:57 |
| L70 | 16    | 69 not 59                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:57 |
| L71 | 31    | 56 and (clea\$5 same contaminat\$4)          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 13:58 |
| L72 | 12    | 71 not (70 or 69 or 59)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/12/13 14:15 |

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|-----|------|---|---------------------------|----|-----|------------------|
| L73 | 566  | (clean\$4 or cleas\$3 or eliminat\$4) same (contaminat\$5) and 55             | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/12/13 14:15 |
| L74 | 1085 | (clean\$4 or cleas\$3 or eliminat\$4 or remov\$5) same (contaminat\$5) and 55 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/12/13 14:15 |
| L75 | 97   | duty and 74   | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/12/13 14:15 |
| L76 | 45   | (71 or 70 or 69 or 59)  | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/12/13 14:16 |
| L77 | 52   | 75 not 76   | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/12/13 14:16 |